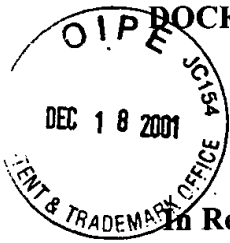


12-21-01

1847  
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POCKET NO.: CEPH-1422

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Brierly, Abrams,  
Hanson, and Maslanka

Serial No.: 09/614,947

Group Art Unit: 1647

Filing Date: July 12, 2000

Examiner: C. Saoud

For: IGF-1 PURIFICATION PROCESS

EL531173455US

EXPRESS MAIL INFORMATION

Express Mail Label No. EL531173455US

Date of Deposit: December 18, 2001

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TECH CENTER 1600/2900

Box ☐ NON-FEE

☐ AF

Assistant Commissioner for Patents  
Washington DC 20231

Sir:

AMENDMENT TRANSMITTAL LETTER

Transmitted herewith for filing in the above-identified patent application is:

- ☐ A Preliminary Amendment.
- ☒ An Amendment and Request for Reconsideration Responsive to the Office Action dated September 19, 2001 with attached reference from the Second College Edition of The American Heritage Dictionary.
- ☐ An Amendment Supplemental to the Paper filed \_\_\_\_\_.
- ☐ Other: \_\_\_\_\_.
- ☐ Applicant(s) has previously claimed small entity status under 37 CFR §1.27.

- ☐ Applicant(s) by its/their undersigned attorney, claims small entity status under 37 CFR §1.27 as:
- ☐ an Independent Inventor
  - ☐ a Small Business Concern
  - ☐ a Nonprofit Organization
- ☐ This application is no longer entitled to small entity status. It is requested that this be noted in the files of the Patent and Trademark Office.
- ☐ Substitute Pages \_\_\_\_\_ of the Specification are enclosed.
- ☐ An Abstract is enclosed.
- ☐ \_\_\_\_\_ Sheets of Proposed Corrected Drawings are enclosed.
- ☐ A Certified Copy of each of the following applications: \_\_\_\_\_  
\_\_\_\_\_ is enclosed.
- ☐ An Associate Power of Attorney is enclosed.
- ☐ Information Disclosure Statement.
- ☐ Attached Form 1449.
  - ☐ A copy of each reference as listed on the attached Form PTO-1449 is enclosed herewith.
- ☐ Appended Material as follows: \_\_\_\_\_.
- ☐ Other Material as follows: \_\_\_\_\_.

## FEE CALCULATION

☐ No Additional Fee is Due.


				SMALL ENTITY		NOT SMALL ENTITY	
	REMAINING AFTER AMENDMENT	HIGHEST PAID FOR	EXTRA	RATE	FEE	RATE	FEE
TOTAL CLAIMS	26	21 (20 MINIMUM)	5	\$9 EACH	\$	\$18 EACH	\$90.00
INDEP. CLAIMS	2	3 (3 MINIMUM)	0	\$42 EACH	\$	\$84 EACH	\$0
FIRST PRESENTATION OF MULTIPLE DEPENDENT				\$140	\$	\$280	\$0
<input type="checkbox"/> ONE MONTH EXTENSION OF TIME				\$55	\$	\$110	\$
<input type="checkbox"/> TWO MONTH EXTENSION OF TIME				\$200	\$	\$400	\$
<input type="checkbox"/> THREE MONTH EXTENSION OF TIME				\$460	\$	\$920	\$
<input type="checkbox"/> FOUR MONTH EXTENSION OF TIME				\$720	\$	\$1440	\$
<input type="checkbox"/> FIVE MONTH EXTENSION OF TIME				\$980	\$	\$1960	\$
<input type="checkbox"/> LESS ANY EXTENSION FEE ALREADY PAID				minus	(\$ )	minus	(\$ )
<input type="checkbox"/> TERMINAL DISCLAIMER				\$55	\$	\$110	\$
<input type="checkbox"/> OTHER FEE OR SURCHARGE AS FOLLOWS:							
TOTAL FEE DUE							\$90

- ☒ A Check is Enclosed in the Foregoing Amount Due.
- ☐ Petition is hereby made under 37 C.F.R. 1.136(a) to extend the time for response to the Office Action of @@ to and through @@ comprising an extension of the shortened statutory period of @@ month(s).
- ☒ The Commissioner is hereby requested to grant an extension of time for the appropriate length of time, should one be necessary, in connection with this filing or any future filing submitted to the U.S. Patent and Trademark Office in the above-identified application during the pendency of this application. The Commissioner is further authorized to charge any fees related to any such extension of time to deposit account 23-3050. This sheet is provided in duplicate.

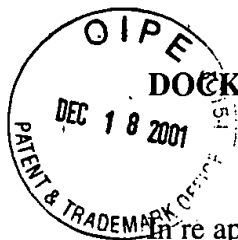
- ☒ The Commissioner is authorized to charge payment of the following fees and to refund any overpayment associated with this communication or during the pendency of this application to deposit account 23-3050. This sheet is provided in duplicate.
- ☐ The Foregoing Amount Due for Filing this Paper.
- ☒ Any additional filing fees required, including fees for the presentation of extra claims under 37 C.F.R. 1.16.
- ☒ Any additional patent application processing fees under 37 C.F.R. 1.17 or 1.20(d).

**SHOULD ANY DEFICIENCIES APPEAR** with respect to this application, including deficiencies in payment of fees, missing parts of the application or otherwise, the United States Patent and Trademark Office is respectfully requested to promptly notify the undersigned.

Date: 18 DECEMBER 2001

  
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DOCKET NO.: CEPH-1422

PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

**Brierly, Abrams, Hanson, and Maslanka**

Serial No.: 09/614,947

Group Art Unit: 1647

Filed: July 12, 2000

Examiner: C. Saoud

For: IGF-I PURIFICATION PROCESS

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EXPRESS MAIL INFORMATION

EXPRESS MAIL LABEL NO: EL531173455US

DATE OF DEPOSIT: December 18, 2001

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

**AMENDMENT AND REQUEST FOR RECONSIDERATION**

In response to the Office Action mailed September 19, 2001 in connection with the above-identified patent application, Applicants respectfully request that the application be amended as follows.

**In the Claims:**

Please add new claims 22-26 and amend claim 1 to read as follows:

1. (Amended) A process for purifying correctly folded monomeric insulin-like growth factor-I (IGF-I) from a medium containing IGF-I peptides, comprising the steps of:
  - (a) contacting the medium with a sufficient quantity of a first cation exchange matrix under conditions allowing adsorption of at least about 95% of total IGF-I from the medium;

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